

FIG. 1

(a)

Tint Time	[Silylated PEO], Wt. %			
	3	5	7	9
5	90.9	89.2	86.2	82.3
10	89.9	86.4	79.9	71.6
20	86.7	77.4	62	50.7
30	82.3	65.9	43.5	n/a

(b)

Tint Time	[Silylated PEO], Wt. %			
	3	5	7	9
5	89.3	85	77.9	60.5
10	83.7	72.2	58.2	32.7
15	76.4	58.5	40.8	19.6
20	68.9	47.3	29.2	n/a

(c)

Tint Time	[Silylated PEO], Wt. %			
	3	5	7	9
5	89.8	85.2	78.8	61.7
10	85	73.7	61.1	40
15	77.8	59.5	44	25.9
20	69.6	46.8	31.5	n/a

FIG. 2

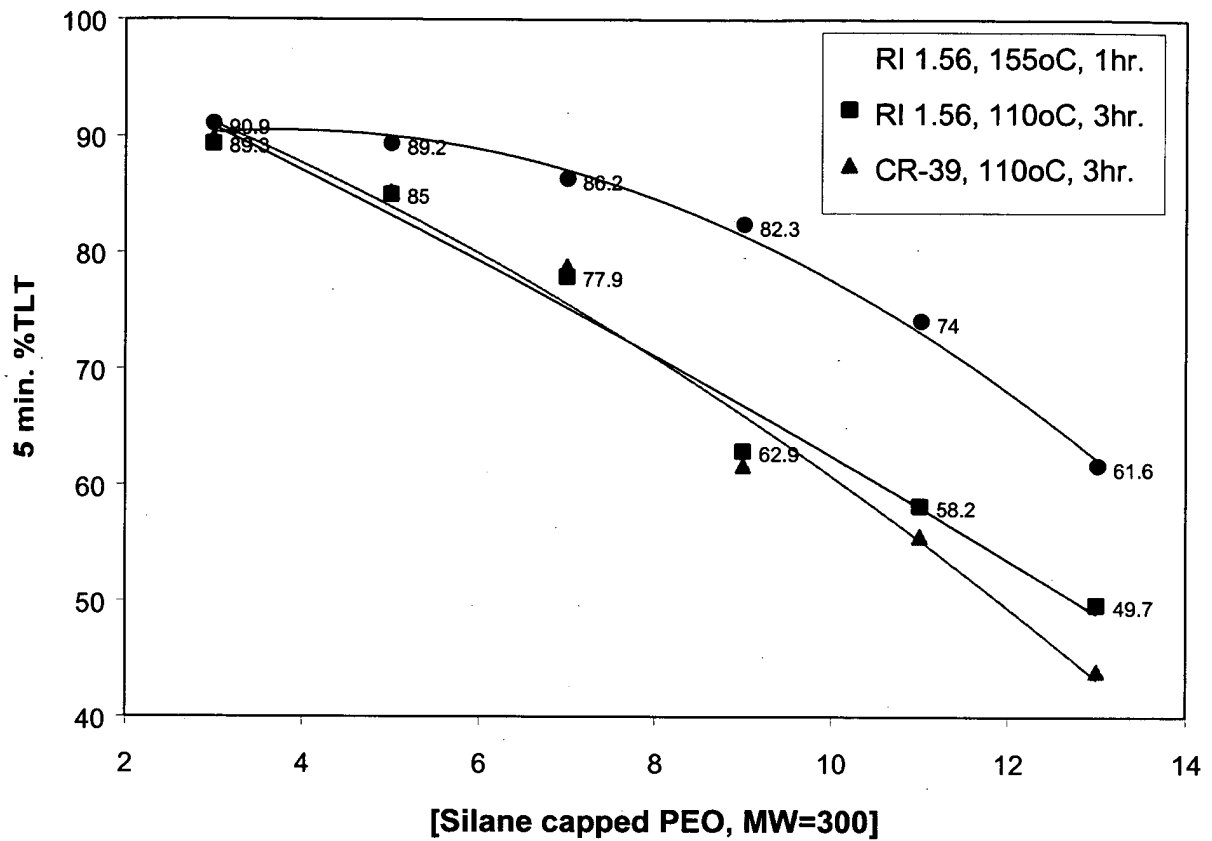


FIG. 3

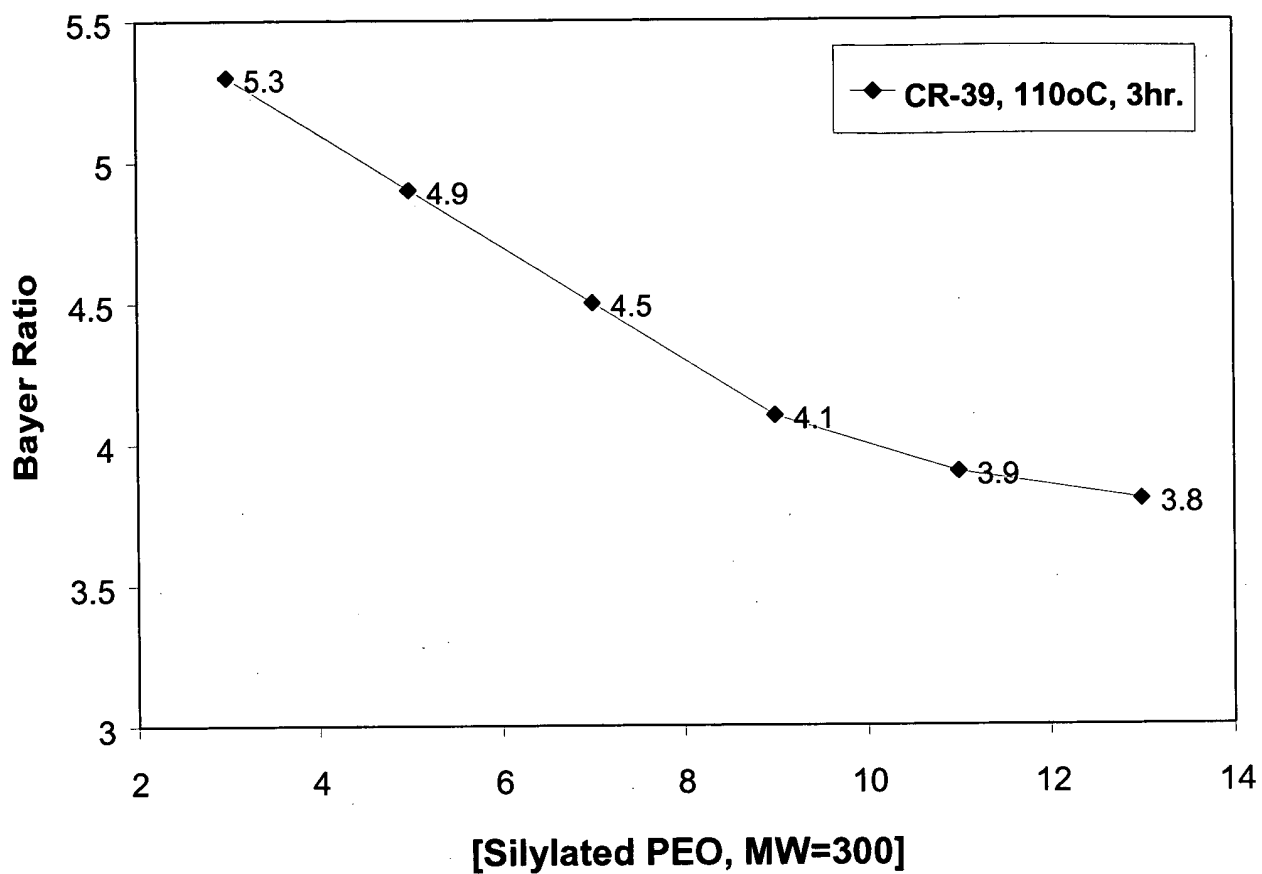


FIG. 4

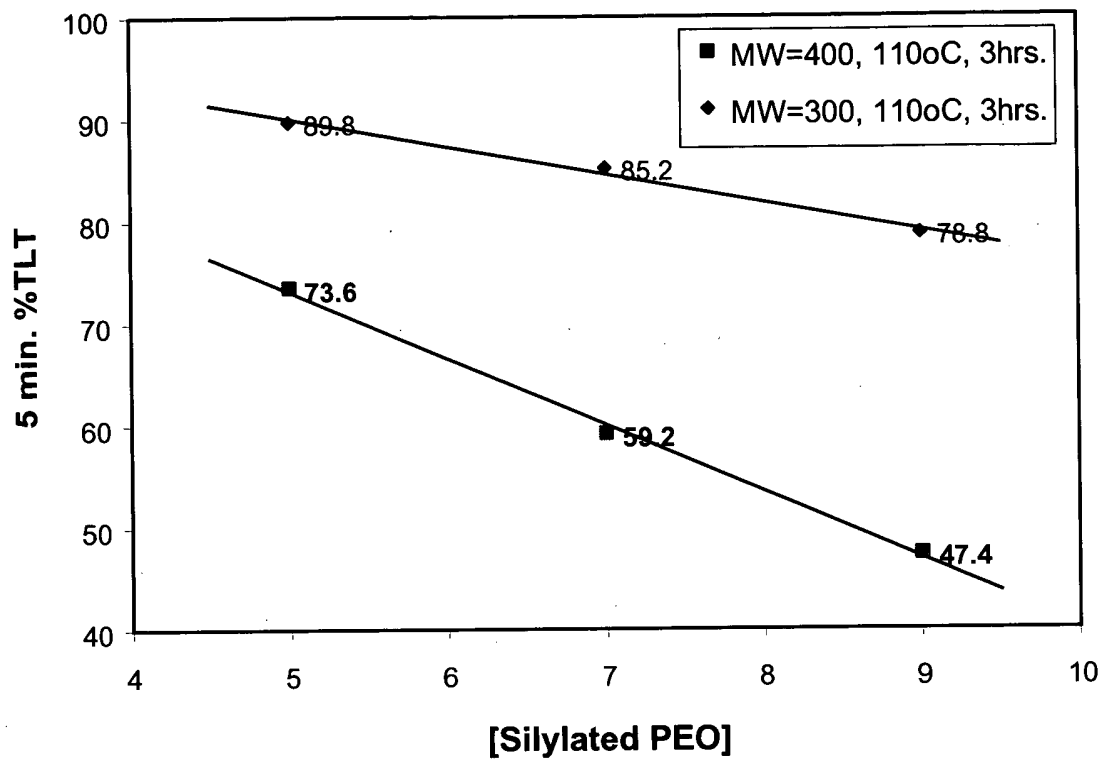


FIG. 5

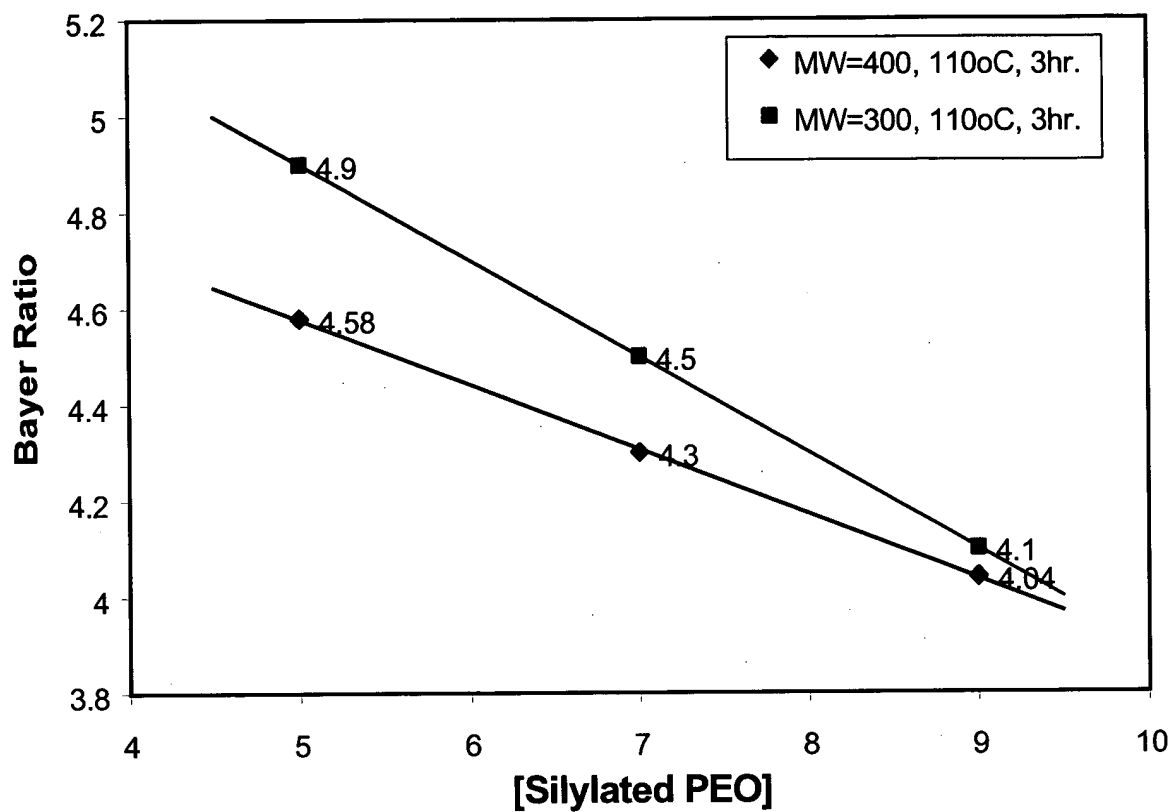


FIG. 6

Sample	Adhesion			% TLT		
	Initial	5 min	10 min	Initial	5 min	10 min
Tintable coating	Pass	fail	n/a	91.6	65.8	n/a
PR-1135/Tintable coating	Pass	pass	pass	91.7	64.6	29.6
PR-1165/Tintable coating	Pass	pass	pass	91.8	65.9	35.2

FIG. 7

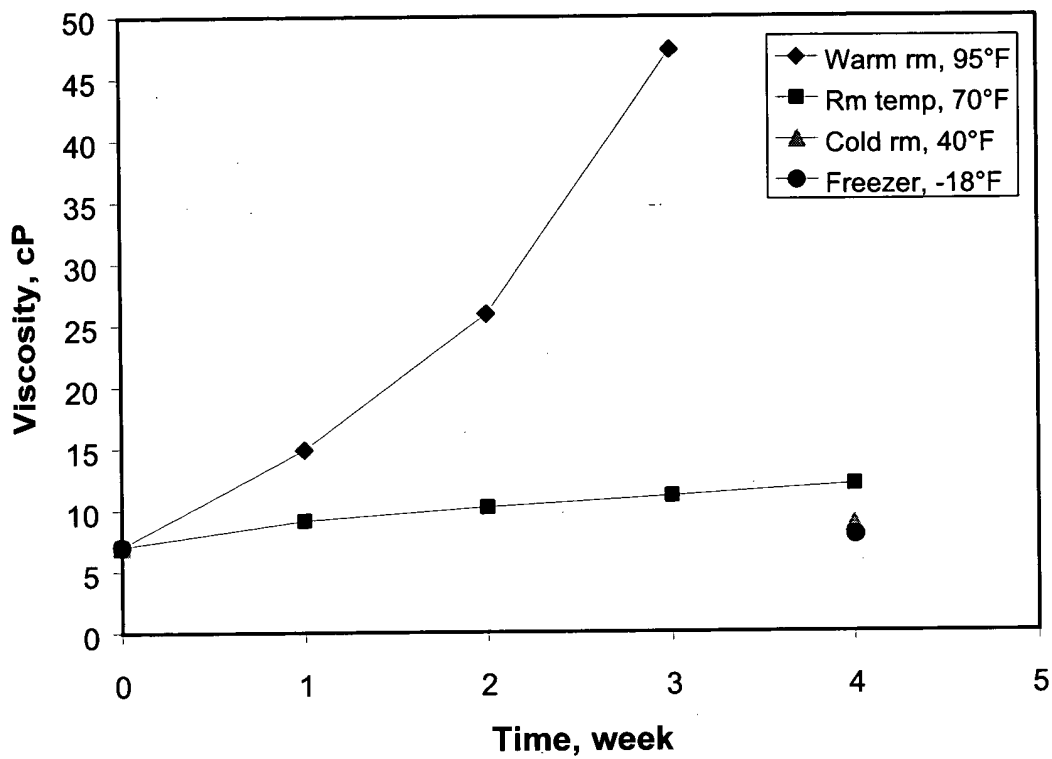


FIG. 8

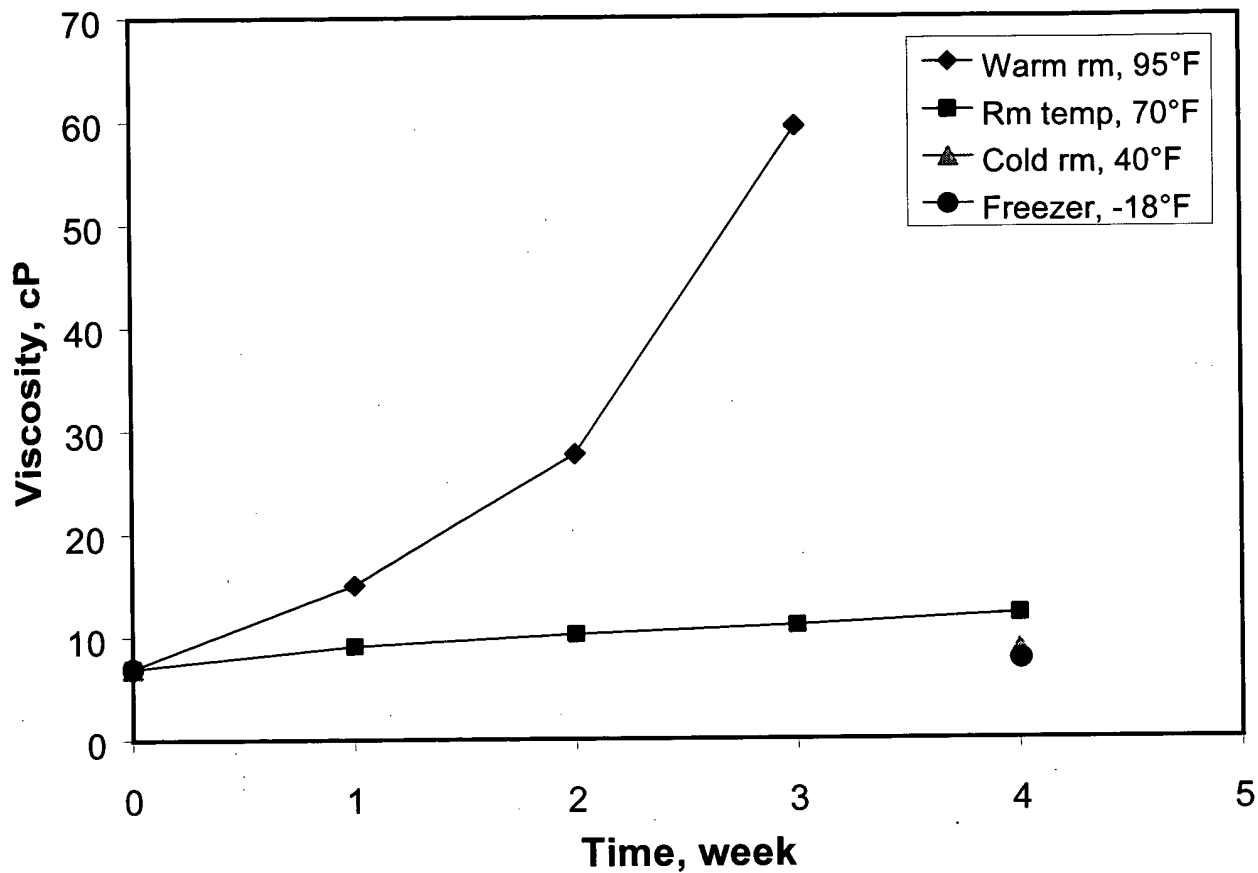


FIG. 9

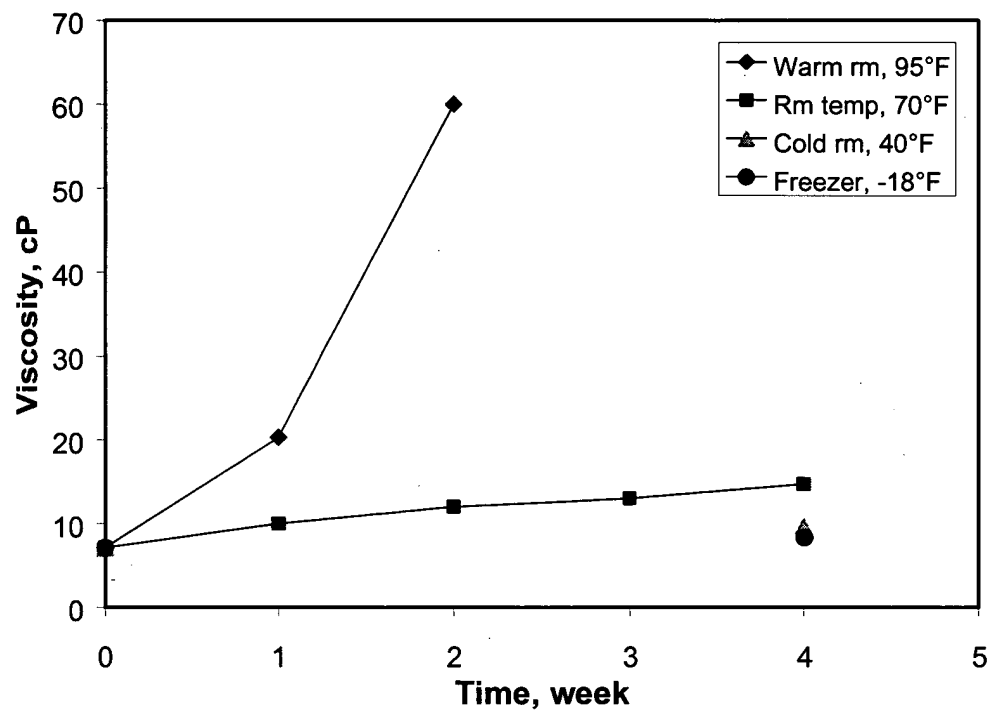


FIG. 10

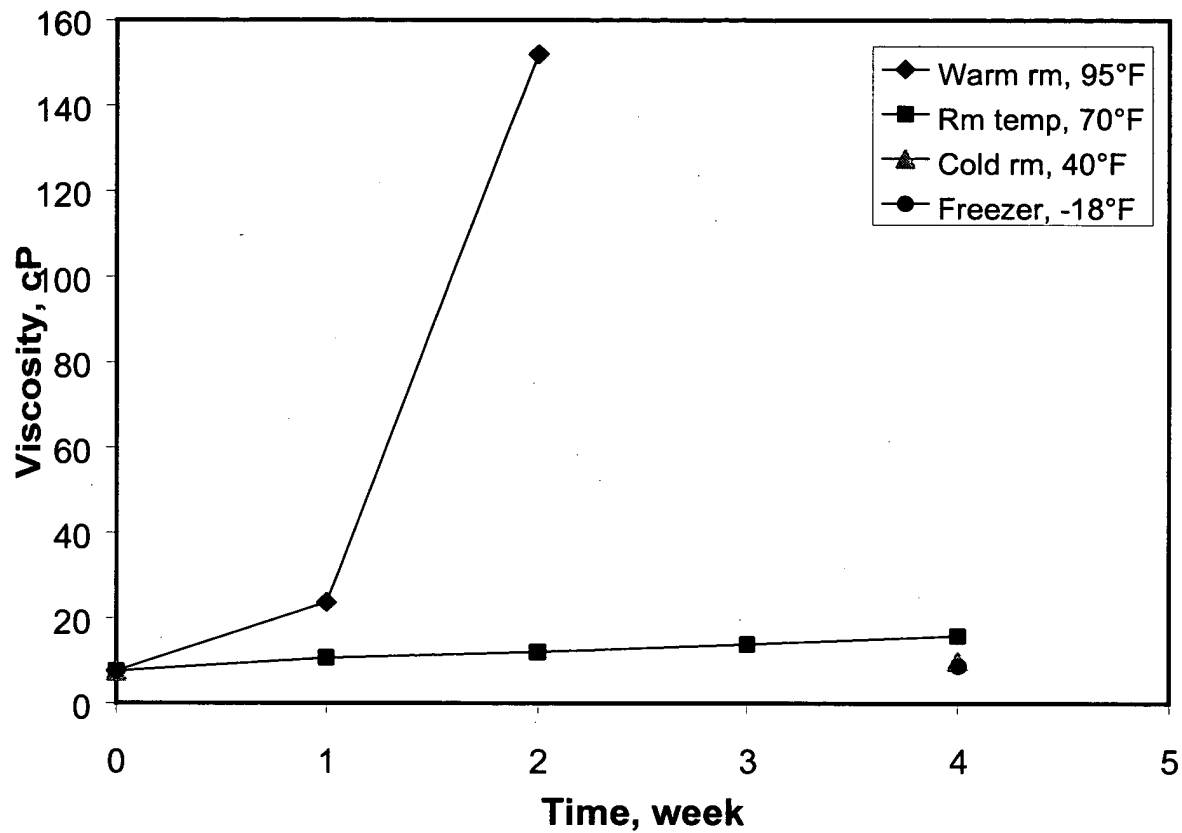


FIG. 11

pH	Bayer ratio	30 min %TLT	Viscosity, cP
4.55	3.8	24.3	25.9
4.67	3.7	26.8	27.7
4.74	4.0	28.3	60.0
4.82	3.7	25.8	152.0

FIG. 12

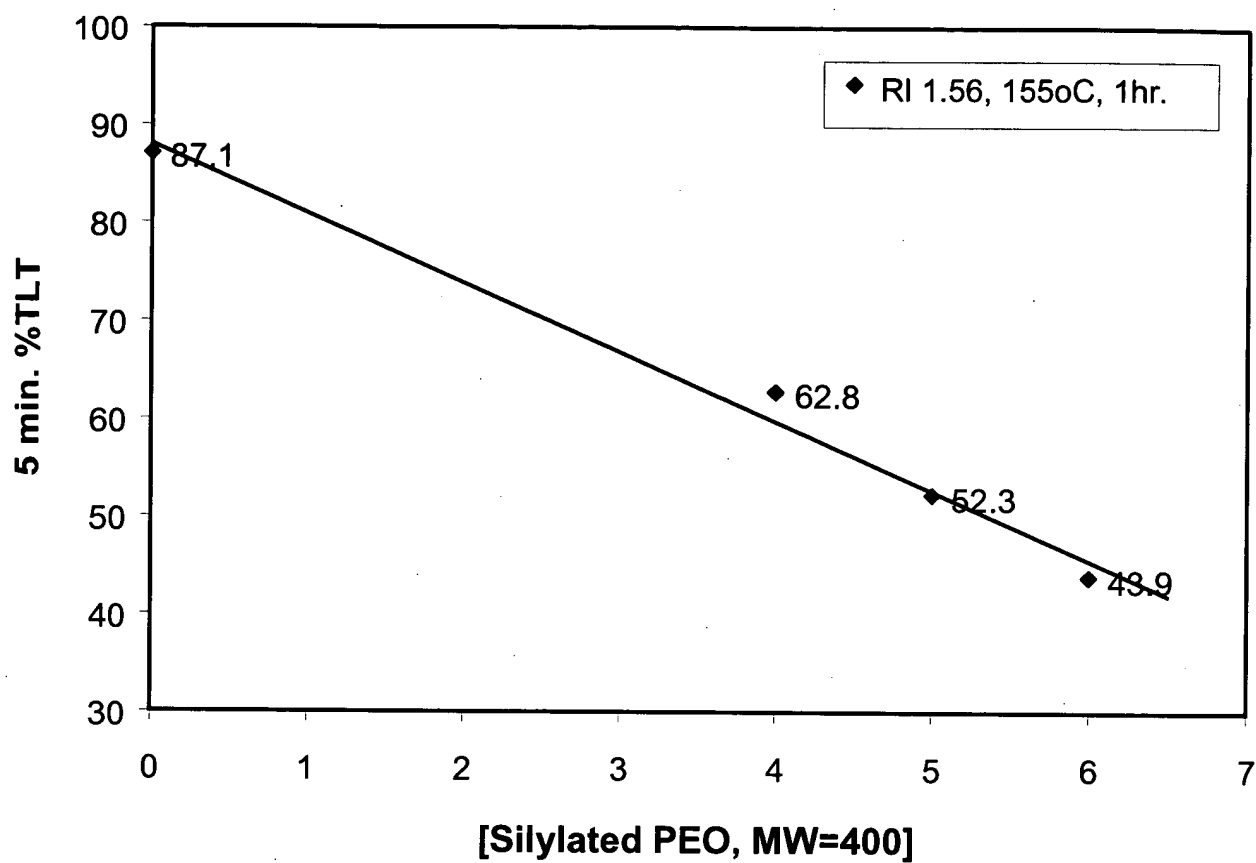


FIG. 13

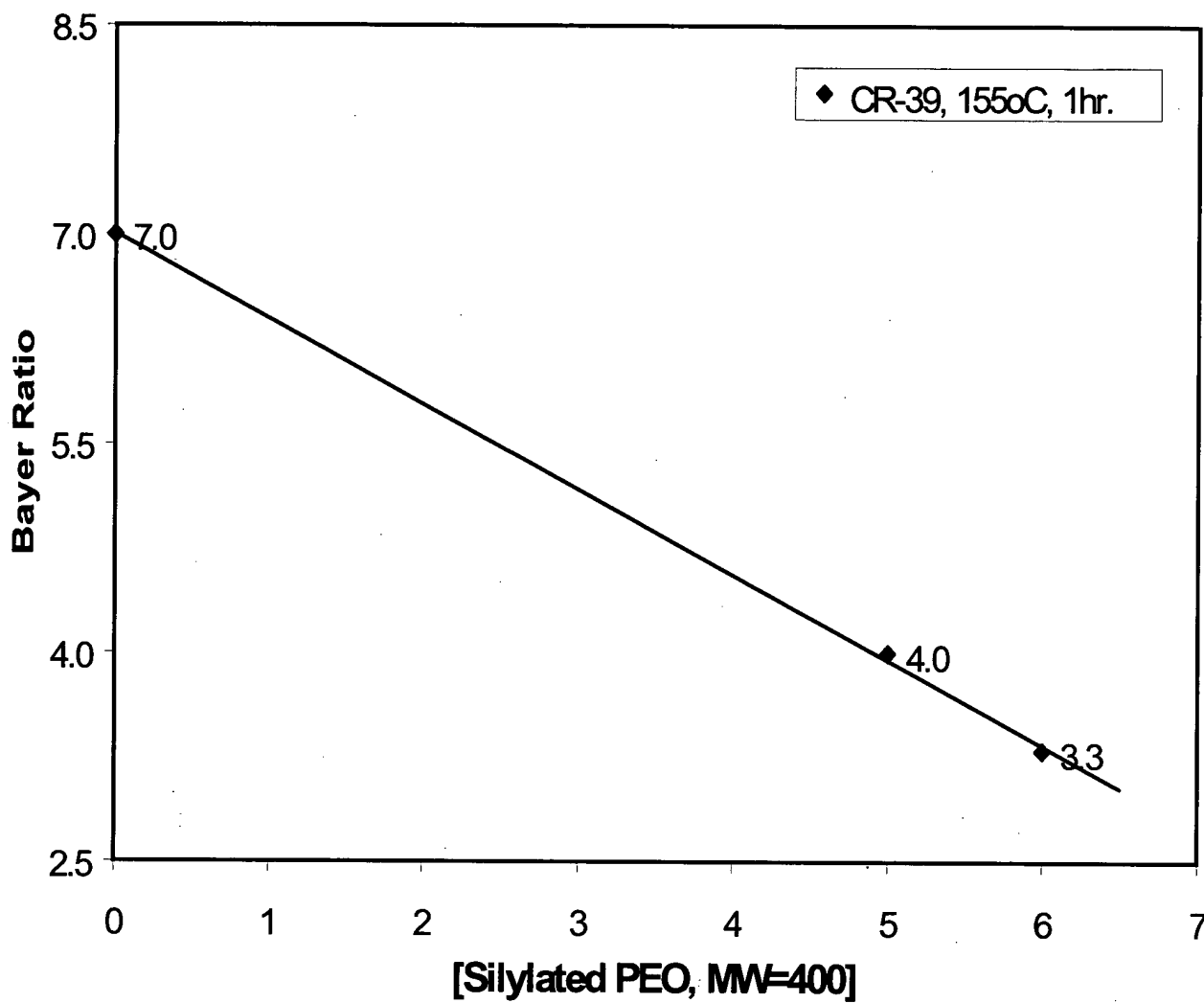


FIG. 14

Properties	w/o silylated PEO	w/ silylated PEO
5 min %TLT	87.6	43.9
Bayer ratio	7	3.3

FIG. 15

Properties	w/o silylated PEO	w/ silylated PEO
5 min %TLT	86.7	51.2
Bayer ratio	6	3.6

FIG. 16

Properties	w/o silylated PEO	w/ silylated PEO
FT, micron	2.9	4.3
30 min %TLT	80.9	42.6
Bayer ratio	3.2	3.1

FIG. 17

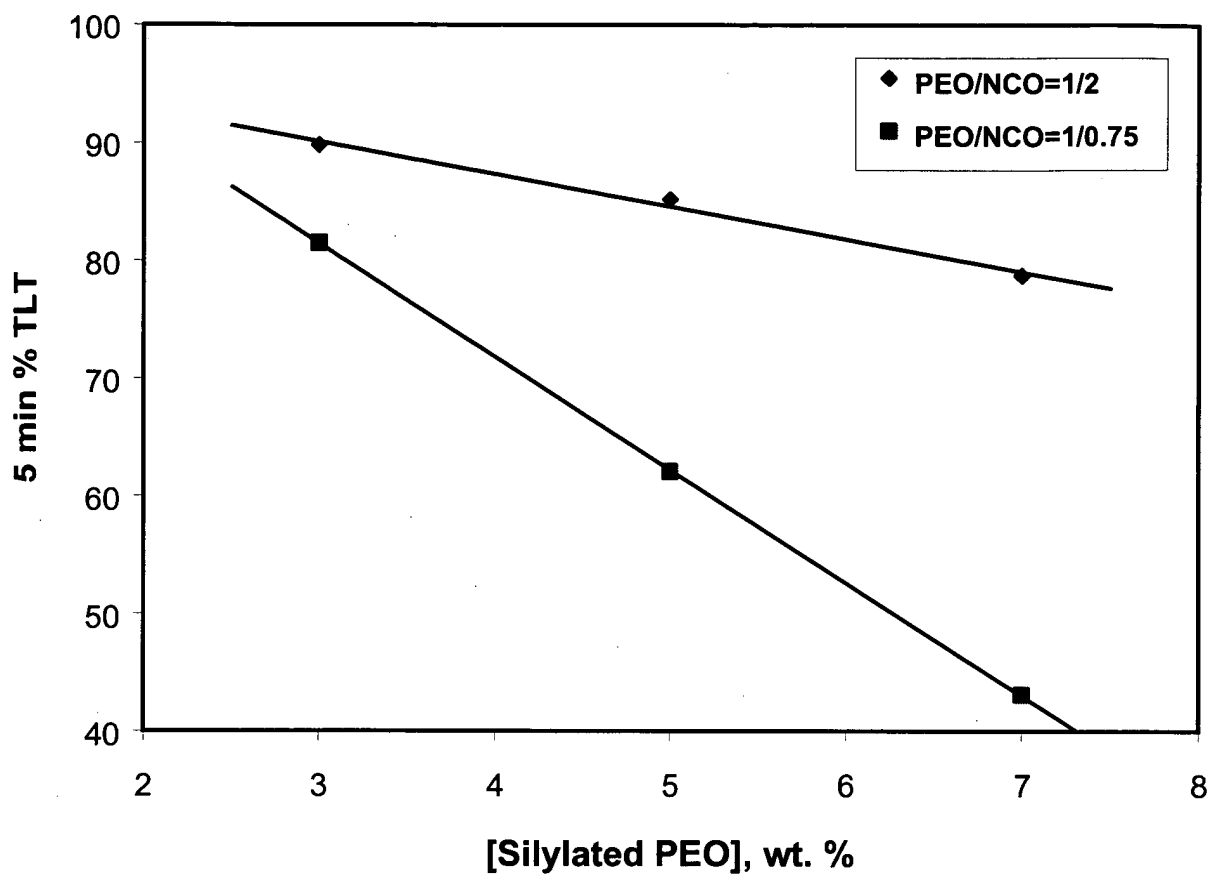


FIG. 18

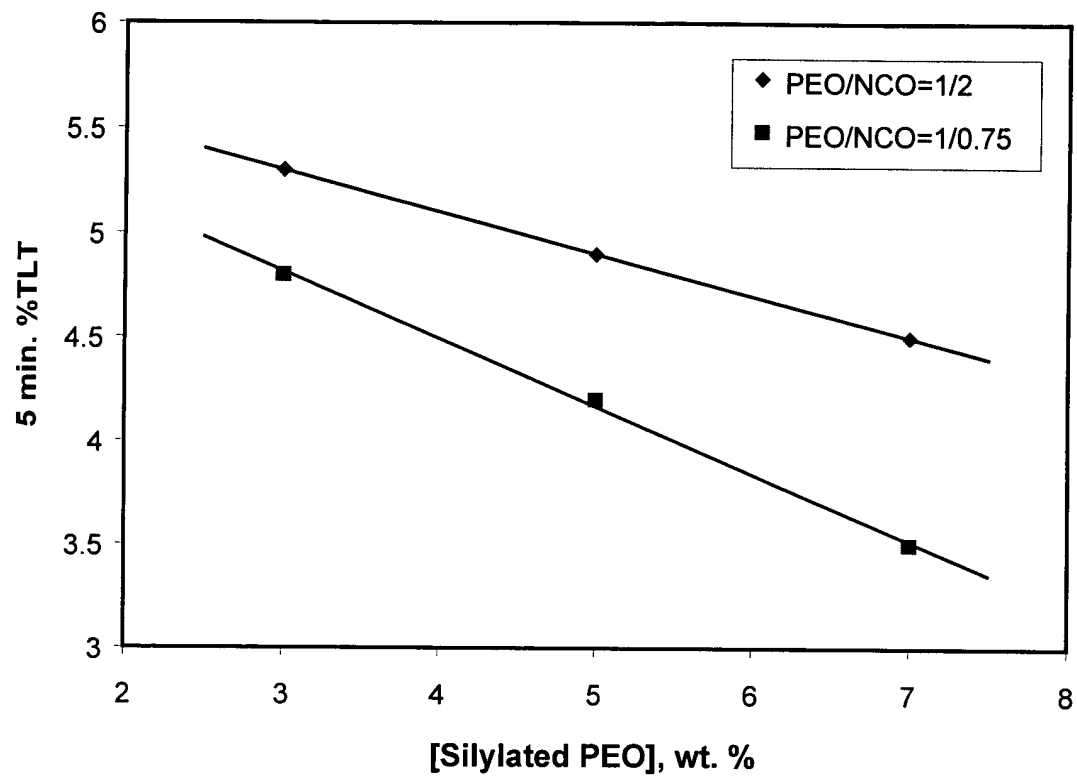


FIG. 19

Tests	Type of tint additive		
	PEO	PEO/NCO=1/0.75	PEO/NCO=1/2
5 min %TLT	24	62.1	85.2
10 min %TLT	14.4	38.3	73.7
Post-tint appearance	Streaks	Some streaks	Good
Bayer	2.9	4.2	4.9

FIG. 20